TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c)) Docket No. 30/1183US							
In Re Application Of: Randy J. Zauhar MAR 2 2 2004							
	Serial No. Filing Date Examiner Group Art Unit 10/635,280 08/06/03 TBD TBD						
Title: Computer aided ligand-based and receptor-based drug utilizing molecular shape							
			Assistant Cor	Address to: nmissioner of gton, D.C. 2			
			37 (CFR 1.97(I	o)		
of th ap	1. A The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.						
2. The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:							
☐ the statement specified in 37 CFR 1.97(e);							
OR							
the fee set forth in 37 CFR 1.17(p).							
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	-	ent of Fee cts to pay the fee set forth in 37 C	CFR 1.17(p))				
☐ A check in the amount of is attached. ☐ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. ☐ as described below. A duplicate copy of this sheet is enclosed. ☐ Charge the amount of ☐ Credit any overpayment. ☐ Charge any additional fee required. ☐ Charge any additional fee required. ☐ Certificate of Transmission by Facsimile* ☐ Certify that this document and authorization to charge deposited account is being facsimile transmitted to the United States Patent and Trademark Office (F							
(Date)		addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.					
	Signature	Signature of Person	on Mailing Correspondence				
Typed or Printed N	Vame of Person Signing Certificate	Typed or Printed Name o	of Person Mailing Certificate				
	y only be used if paying by	Dated: March 18, 2003					
cc:							

ERTIFICATE oplicant(s):	OF MAILING BY FIRST CI	LASS MAIL (37 CFR 1.8)	Docket No. 30/1183US
Serial No. 10/635,280	Filing Date 08/06/03	Examiner TBA	Group Art Unit TBA
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nputer aided liga	no based and receptor-based and r	eceptor-based drug design utilizi	ng molecular shape
I hereby certify the	nat this Initial Disclosure Citation	n, Transmittal of IDS, cited refer (Identify type of correspondence)	
is being deposit	ed with the United States Postal	Service as first class mail in a	n envelope addressed to: The
Commissioner o	f Patents and Trademarks, Washi	ngton, D.C. 20231-0001 on	March 18, 2004
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Docket Number (Optional) **Application Number** 30/1183US 10/635,280 INFORMATION DISCLOSURE CITATION Applicant(s) Randy J. Zauhar (Use several sheets if necessary) Filing Date **Group Art Unit** 08/06/03 **TBD** *EXAMINER OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) INITIA Cramer, R. D.; Patterson, D.E.; Bunce, J. D. Recent advances in comparative molecular field analysis (CoMFA). Prog. Clin. Biol. Res. 1989. 291, 161-165. M Cramer, R.D. Topomer CoMFA: a design methodology for rapid lead optimization. J. Med. Chem. 2003, 46, 374-388. N Gasteiger, J.; Marsili, M. Iterative partial equalization of orbital electronegativity-Rapid access to atomic charges. Tetrahedron 1980, 36, 3219-3288. o Ewing, T. J.; Makino, S.; Skillman, A. G.; Kuntz, I. D. DOCK 4.0: search strategies for automated molecular docking of flexible molecule databases. J. Comput.-Aided Mol. Des. 2001, 15, 411-428. Miller, M. D.; Kearsley, S. K.; Underwood, D. J.; Sheridan, R. P. FLOG: a system to select 'quasi-flexible' ligands complementary to a receptor of known three-dimensional structure. J. Comput.-Aided Mol. Des. 1994, 8, 153-174. Q Jones, G; Willett, P; Glen, R. C.; Leach, A. R.; Taylor, R. Development and validation of a genetic algorithm for flexible docking. J. Mol. Biol. 1997, 267, 727-748. R Sitkoff, D.; Sharp, K. A.; Honig, B. Accurate Calculation of Hydration Free Energies Using Macroscopic Solvent Models. J. Phys. Chem. 1994, 98, 1978-1988. S Zauhar, R. J. SMART: a solvent-accessible triangulated surface generator for mlecular graphics and boundary element applications. J. Comput.-Aided Mol. Des. 1995, 9, 149-159. T Richards, F. M. Areas, Valumes, Packing and Protein Structure. Annu. Rev. Biophys. Bioeng. 1977, 6, 151-176 U

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INFORMATION DISCLOSURE CITATION

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